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635.45890X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: M. MORBIDELLI, et al.
Serial No.: 10/567,445
Filed: February 7, 2006
For: ROTATING STIRRING DEVICE WITH SUBSTANTIALLY
NARROW DISTRIBUTION OF ENERGY DISSIPATION
RATE

International Application: PCT/CH2004/000494

International Filing Date: August 6, 2004

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 23, 2006

Sir:

Pursuant to the duty of disclosure, applicants cite the documents listed on the attached Form PTO-1449. Copies of the cited documents are enclosed. These documents are referred to on pages 18 and 19 of the substitute specification.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the

filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 635.45890X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in cursive script, appearing to read "Ronald J. Shore", is written over a horizontal line.

Ronald J. Shore
Registration No. 28,577

RJS/kmh
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Attachments



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO.	SERIAL NO.
		635.45890X00	10/567,445
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	
		APPLICANT	
		M. MORBIDELLI, et al.	
		FILING DATE	GROUP
		February 7, 2006	

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
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	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	"Advances in Chemical Engineering," vol. 17, pp. 5-8, Academic Press (1992).
	AV	Zhu, X., and Vigil, R.D., "Banded liquid-liquid Taylor-Couette-Poiseuille flow," AIChE Journal (2001), 47:1932-1940.
	AW	Haut, B., Ben Amor, H., Coulon, L., Jacquet, A., and Halloin, V., "Hydrodynamics and mass transfer in a Couette-Taylor bioreactor for the culture of animal cells," Chem. Eng. Sci. (2003), 58:777-784.
	AX	Drozdo, S.M., "A numerical investigation of a modified Couette-Taylor apparatus with application to industrial mixing," Theoret. Comput. Fluid Dynamics (2002), 16:17-18.
	AY	Resende, M.M., Tardioli, P.W., Fernandez, V.M., Ferreira, A.L.O., Giordano, R.L.C., and Giordano, R.C., "Distribution of suspended particles in a Taylor-Poiseuille vortex flow reactor," Chem. Eng. Sci. (2001), 56: 755-761
	AZ	Mavros, P., Mann, R., Vlaev, S.D., and Bertrand, J., "Experimental visualization and CFD simulation of flow patterns induced by a novel energy-saving dual-configuration impeller in stirred vessels," Trans IchemE (2001), 79:857-866.
Examiner		Date Considered



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	AU	Campolo, M., Sbrizzai, F., and Soldati, A., "Time-dependent flow structures and Lagrangian mixing in Rushton-impeller baffled-tank reactor," Chem. Eng. Sci. (2003), 58:1615-1629.
	AV	Wu, H., and Patterson, G.K., "Laser-Doppler measurements of turbulent-flow parameters in a stirred mixer," Chem. Eng. Sci. (1989), 44:2207-2221.
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